

Amendments to Claims

Claims 1-16, 24 and 27 (canceled)

Claim 17 (previously amended): The compound of claim 32 where R is substituted with alkyl, sulfate, sulfonate, alkoxy, CN, NO₂ or an aromatic group.

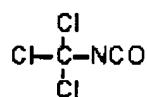
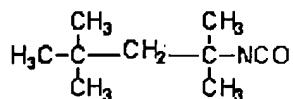
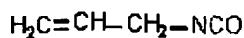
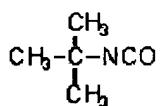
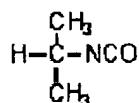
Claim 18 (previously amended): The compound of claim 32 where R is a biphenyl group, fused rings or repeating aromatic groups.

Claim 19 (previously amended): The compound of claim 32 where R is derived from a compound selected from the group consisting of:

H₃C-NCO

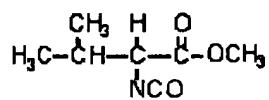
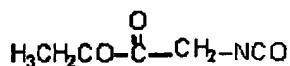
H₃C-NCO

CH₃(CH₂)_x-NCO , where x is 1, 2, 3, 4, 5, 6, 7, 11 or 17

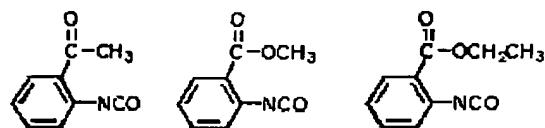
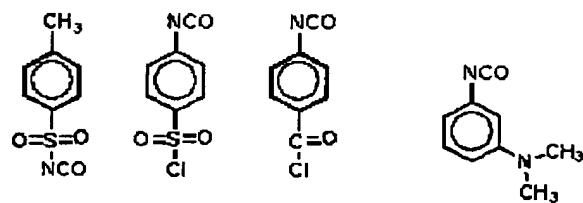
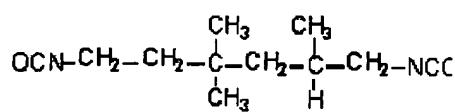
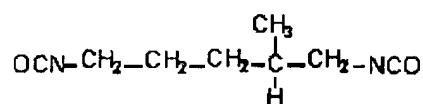
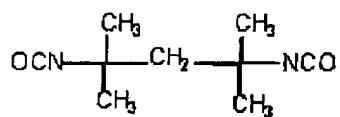
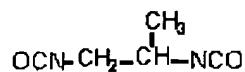


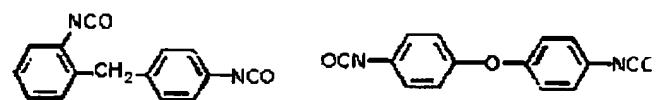
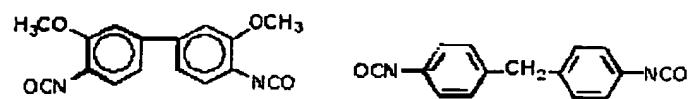
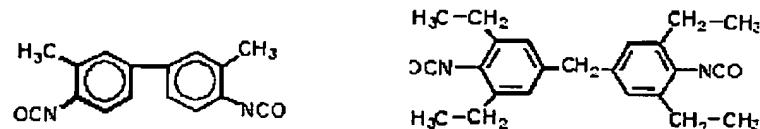
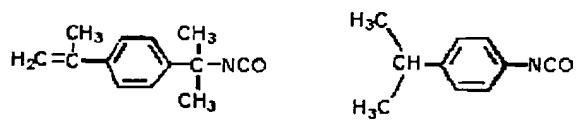
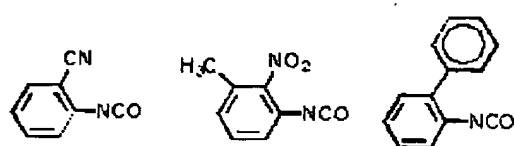
$Y-(CH_2)_x-NCO$, where Y is Br or Cl and x is 2 or 3

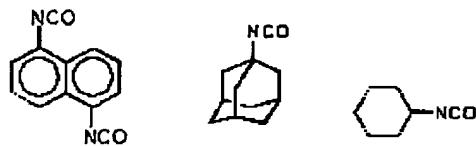
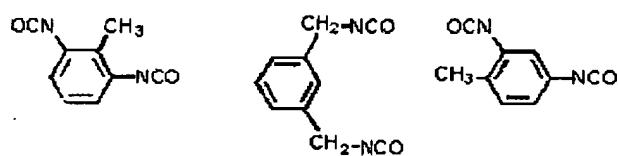
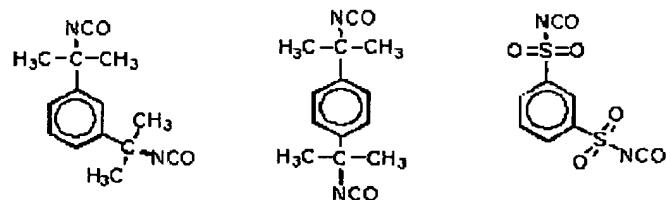
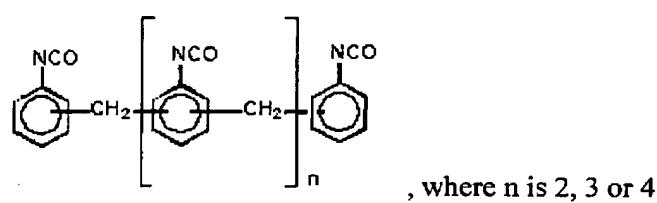
$\text{X}-\text{C}(=\text{O})-\text{NCO}$, where X is CH_3 , $\text{CH}_2\text{C}-$, $\text{ClH}_2\text{C}-$, $\text{Cl}_3\text{C}-$, $\text{H}_3\text{CH}_2\text{CO}-$, or Cl ,

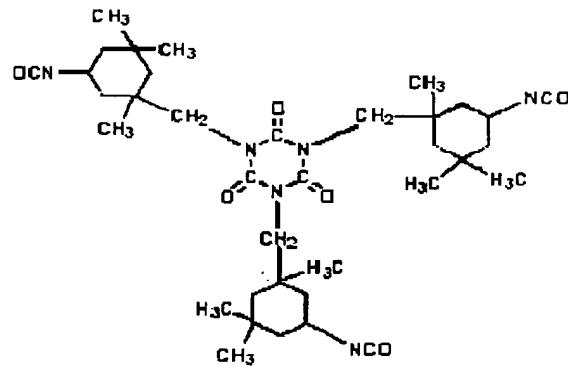
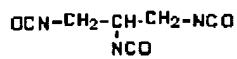
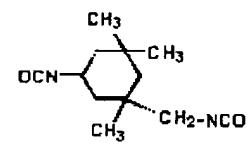
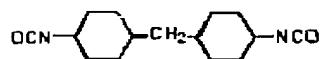
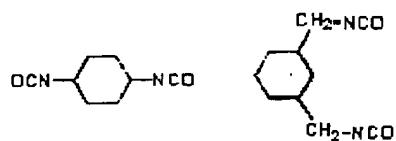
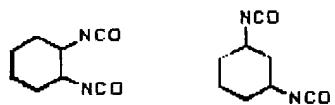


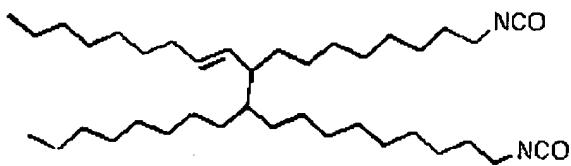
$\text{OCN}-(\text{CH}_2)_x-\text{NCO}$, where x is 2, 3, 4, 6, 8, 10 or 12



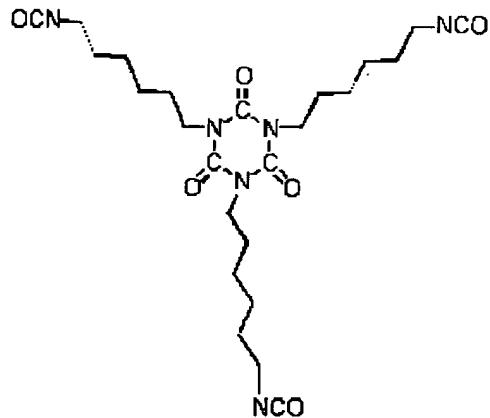








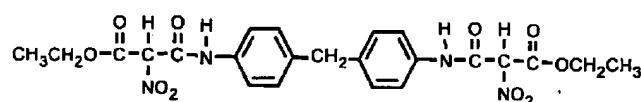
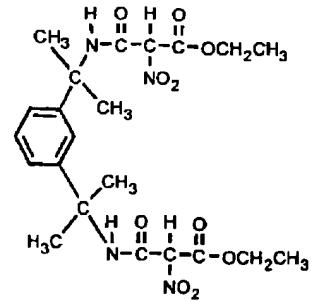
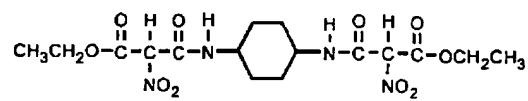
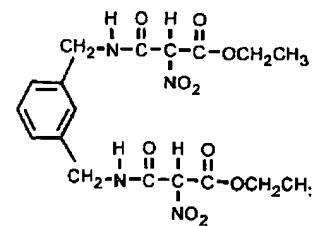
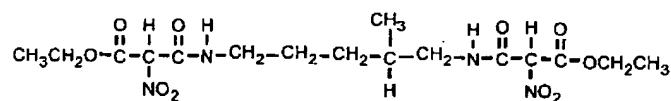
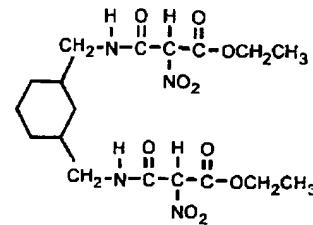
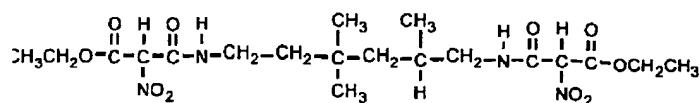
and



Claim 20 (previously amended): The compound of claim 32 wherein R is derived from a compound selected from the group consisting of 4,4'-methylenebis(phenyl isocyanate) ("MDI"); hydrogenated MDI; isophorone diisocyanate ("IPDI"), 1-(1-isocyanato-1-methyl ethyl)-3-(1-methyl ethenyl)benzene("m-TMI"), isophorone triisocyanate, and tetramethylenexylenediisocyanate.

Claim 21 (previously amended): The compound of claim 32 where R is C₃₋₁₇ alkyl.

Claim 22 (previously presented): A compound selected from the group consisting of:



Claim 23 (previously presented): A process for the generation of a nitrile oxide precursor compound comprising the steps of

- a) generating a potassium enolate of ethyl nitroacetate in situ;
- b) isolating said enolate; and
- c) adding to said isolated enolate an isocyanate, diisocyanate or polyisocyanate material in a polar aprotic solvent.

Claim 25 (previously amended): The process of Claim 24 wherein the polar solvent is selected from the group consisting of diglyme, monoglyme, glyme, tetrahydrofuran, dimethylformamide and dimethylsulfoxide.

Claim 26 (previously presented): A process for crosslinking a polymer composition comprising adding the compound of claim 32 to a solution of a polymer comprises one or more pendant or terminal functional groups selected from the group consisting of alkenes, alkynes, nitriles and isocyanates and heating the mixture to form a nitrile oxide in situ and a crosslinked polymer.

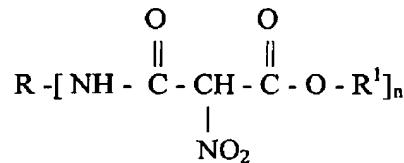
Claim 28 (previously amended): A urethane composition which is stable to temperatures below 120°C comprising the compound of claim 32.

Claim 29 (previously amended): A pressure sensitive adhesive, reactive hot melt adhesive, polyurethane dispersion, thermosetting adhesive, thermoplastic adhesive or coating comprising the compound of claim 32.

Claim 30 (previously presented): An AB copolymer where A comprises a compound of claim 19 which is derived from 1-(1-isocyanato-1-methyl ethyl)-3-(1-methyl ethenyl)benzene (“m-TMI”) and B is an unsaturated compound.

Claim 31 (previously amended): A polyurethane reactive hot melt adhesive comprising a compound of claim 32.

Claim 32 (currently amended): A compound having the formula



where

R is an unsubstituted or a substituted C₁₋₁₇ alkyl, alkoxy, cycloalkyl, or aromatic group, with the proviso that such group cannot be derived from p-phenylene diisocyanate, ~~or R is derived from a diisocyanate trimer~~;

n is ± 2 to -10; and

R' is a branched or unbranched C₁₋₅ alkyl group.